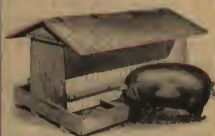




Farm Equipment

LUMBER-BUILT ITEMS

to save chore time and money



from the

**WEYERHAEUSER 4-SQUARE
FARM BUILDING SERVICE**

Build your own equipment and *Save Money*

Gain the benefits of modern equipment—and save money! It is easy to build the equipment items you need from plans selected from the Weyerhaeuser 4-Square Farm Building Service. This complete building Service contains plans for scores of equipment items that can be built at a cost far below that charged for most manufactured items.

On the following pages are shown some of the many types of plans available. There are self-feeders for livestock and poultry—plus special items ranging from farrowing crates to hay racks and cattle guards.

Blueprints for each item are available through your Weyerhaeuser 4-Square Lumber Dealer. The complete, easy-to-follow plans include accurate material specifications to assure your obtaining the correct amount of materials. This avoids needless waste and extra trips to the lumber yard.

See all the plans for farm buildings and homes, as well as equipment items, in the 4-Square Farm Building Service at the office of your Weyerhaeuser 4-Square Lumber Dealer.

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**SEE YOUR Weyerhaeuser
4-Square Lumber Dealer for
MATERIAL LISTS AND BLUEPRINTS**

Complete blueprints and material lists for the dozens of modern farm equipment items in the 4-Square Farm Building Service are available at the office of your local Weyerhaeuser 4-Square Lumber Dealer. He will be glad to go over these plans with you and answer any questions you may have about building these useful and economical equipment items.



NO. S-1103

HAY, GRAIN AND SILAGE FEEDING BUNK

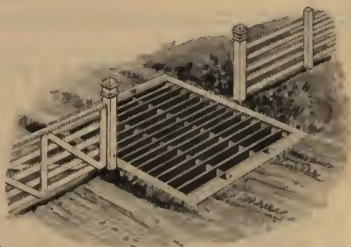
A strong bunk mounted on skids. 16' long; 4' wide; 4'-6" high. Easy to build, easy to move, and hard to tip over. Designed so that stock can feed from all sides and keep heads in feeder to prevent waste. Built from standard lumber items.



NO. S-1109

CATTLE FEED BUNK

This rigidly framed feed bunk is made of 2" planking with 4x4 legs. 10' long; 3'-4½" wide; box is 2'-6" wide inside. Narrow width permits cattle to feed from one side only and still clean entire box. Bolted joints for rigid construction.



NO. S-1110

CATTLE GUARD

A practical cattle guard. 8' long; 12' wide. Strong enough to support tractor, truck or combine. Planks, set loosely to prevent injury to animals, are easily removed. Pit side walls of concrete. Requires little carpenter work.



NO. S-1113

CALF CREEP FEEDER

An efficient and roomy creep feeder. 12' long, 6' wide, 6'-6" high. Will serve up to 50 calves. Has 12' of trough. Skid-mounted for easy moving. Hinged door on both ends for loading hopper.



NO. S-1114

CATTLE SELF-FEEDER

Capacity of this self-feeder is 200 bushels or $12\frac{1}{2}$ bushels per linear foot. 16' long, 6' wide, 8' high. Skid-mounted for easy portability. Simple hopper construction permits a minimum of special cutting.



NO. S-1115

V-BOTTOM FEED BUNK

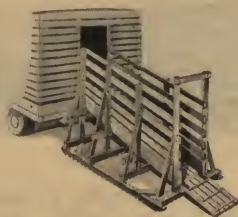
Ideal for silage and rough feeds. 14' long, 3'-6" wide, 2'-6" high. V-shape permits feed to slide toward center of bunk. Keeps feed within easy reach of stock and prevents waste caused by pushing feed out over the side.



NO. S-1116

SECTIONAL LOADING CHUTE

A lightweight, strongly braced chute that is easy to take apart and put together. Sides are removable and nest compactly with the bottom for easy loading on a truck. Skid-mounted. 12' long; 2'-6" wide; 5' high.



NO. S-1117

SKID-MOUNTED PORTABLE LOADING CHUTE

This chute is easy to move. It can be quickly backed up to a truck or a barn door—or moved from one feed lot to another. Considering its strength, this chute is light in weight. Tail plank hinges up while chute is being moved.



NO. S-1118

CATTLE SQUEEZE AND DEHORNING CHUTE

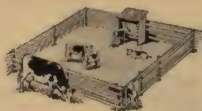
Permits handling animals in perfect safety. Side gate can be hinged from either front or back. When front hinge is used, gate forms a squeeze—when hinged from the back, it becomes a chute for dehorning, etc.



NO. S-1112

CALF CREEP FEEDER

Built with skids for easy portability, this well designed feeder serves 25 calves. Adjustable entrance bar prevents larger animals entering. A practical aid in stock raising.



NO. S-1111

CALF FEEDER



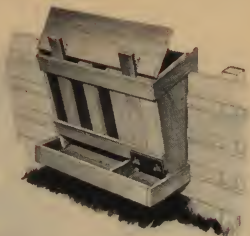
This convenient, economical unit is designed for use in creep or Calf Pens. Will easily handle up to 15 calves. Large hopper saves chore time and prevents waste. Easily built of standard in-stock lumber.



NO. S-1119

PORTABLE CALF PEN

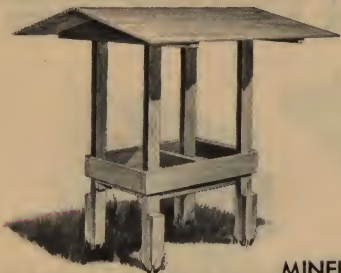
Easily moved to clean ground, this pen protects calves from other animals and provides good shade with ventilation. Manger is accessible and easily removed. Easy to build with standard in-stock lumber.



NO. S-1120

PORTABLE SELF-FEEDER

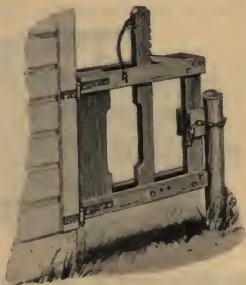
This low cost feeder hangs on pen partition or fence—holds hay or grain. Adjustable hopper. Feed hopper has adjustable opening. Easily built with 1" boards.



NO. S-1121

MINERAL FEEDING BOX

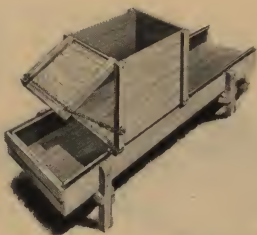
This portable box with wide roof protects food from rain and dirt. Has two compartments for different minerals, which are accessible from either side.



NO. S-1122

PORTABLE STANCHION

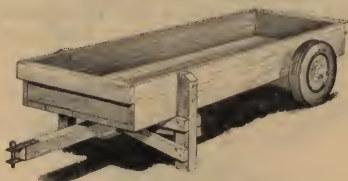
Designed for handling cattle in temporary pens, without expensive equipment. This low cost portable stanchion is a useful emergency item for cattle raisers.



NO. S-1123

FEED BUNK CART

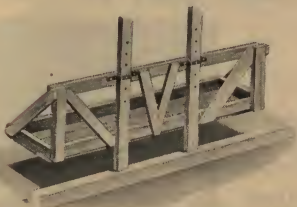
An easy-to-build labor-saving device—large capacity means fewer trips. Sturdy construction. Mounted on wheels, it can be attached to a line of feeding bunks.



NO. S-1124

WHEEL MOUNTED FEED BUNK

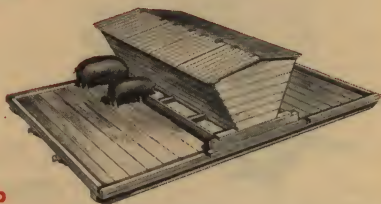
Easily moved from lot to lot, this wheel-mounted feed bunk will save time and simplify feed handling. Simple to construct using standard in-stock materials.



NO. S-1126

ADJUSTABLE MANGER

Can be raised or lowered as required for various size livestock. This item is ideal for temporary pens. Easily built with a minimum of material.



NO. S-1301b

PLATFORM HOG FEEDER

A sturdy, portable feeder with a capacity of 100 bushels shelled corn. Will take care of 50-60 100-lb. hogs. Has feeding trough, covered and partitioned hopper. Tight platform prevents feed waste. Feeding platform 10'x16'; hopper height 4'.



NO. S-1302

HOG TROUGH

Big capacity trough with no square corners inside. Bottom and side joints lined with nailed strips of 2x2, ripped diagonally. Extended ends prevent tipping. Snug-fitted guard easily removed for cleaning. Size: 2'x12'.

NO. S-1303

ELECTRIC PIG BROODER

Protects baby pigs by preventing chilling or crushing by the sow. This electric brooder is easily made out of almost any type of lumber. Light bulb, suspended through top, furnishes warmth. 1' high; front width 5'-9"; sides 4'.

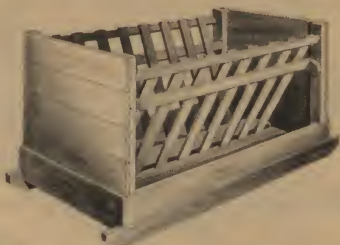




NO. S-1304

ADJUSTABLE PIG AND LAMB CREEP

By boring holes along the upper and lower rails of this creep, the upright slats can be quickly spaced for desired width to give small pigs or lambs access to the feed and keep larger animals out. 10' long; 2'-6" high.



NO. S-1305

ALFALFA FEED RACK FOR HOGS AND SHEEP

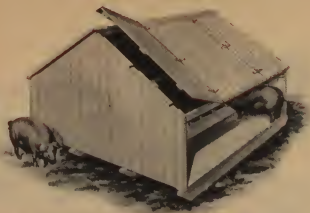
This feeder is convenient for the winter alfalfa feeding so essential to sows and shoats. Slats are correctly spaced to prevent feed waste. This skid-mounted rack will feed 30 to 40 sows or 130 to 150 shoats.



NO. S-1306

30 BUSHEL OPEN TROUGH HOG FEEDER

This feeder has three bins—wide at the bottom to prevent clogging. Trough divider boards keep hogs from rooting feed out of trough. Overhanging roof protects trough. Feeds 60 to 70 100-lb. hogs.



NO. S-1308

100 BUSHEL GABLE ROOF HOG FEEDER

Designed for shelled corn or ground feed. 100-bu. capacity. Feeds about 44 100-lb. shoats. Covered feeding space protects feed and swine. Spacers in trough prevent rooting out and feed waste. Roof doors make filling easy. Size 10'x10'. Easily constructed.



NO. S-1311

FEEDING FLOOR

This portable feeding floor saves work and feed. It accommodates a hog self-feeder or waterer. Prevents trampling of feed into ground. Guard rails may be added for feeding ear corn. Skids have replaceable shoes.



NO. S-1312

100 BUSHEL CLOSED TROUGH HOG FEEDER

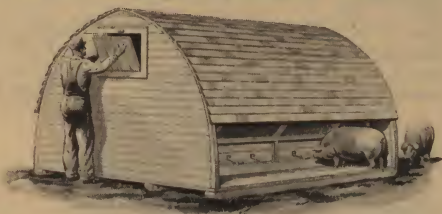
Trough doors swing freely, dropping back into closed position the moment the hog leaves the trough, thus avoiding feed spoilage. 16 trough doors. Feeds 60-70 hogs.



NO. S-1313

HOG RANGE SHELTER

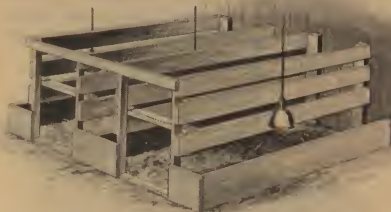
This shelter with wide roof overhang will provide shade for an area 10'x20', or 200 square feet. It is skid-mounted for easy tractor-towing so that it can be moved to clean ground . . . an important aid to sanitation. Size: 8'x18'.



NO. S-1314

200 BUSHEL ARCHED ROOF HOG FEEDER

Designed for feeding shelled corn or ground feed, this unit is equipped with manually adjustable gates that regulate the flow of feed. Glued-laminated arches give great strength . . . light weight to this portable feeder.



NO. S-1315

FARROWING CRATE

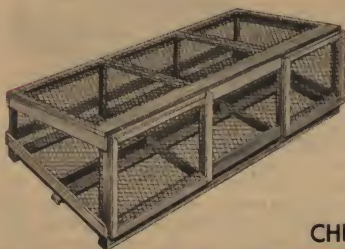
A design being used by more and more producers to protect baby pigs. The pig creep prevents crushing of baby pigs and lets them nurse from either side. Heat lamps may be hung 12" above the floor over the creep area. Size: 8' x 8'. Can be built in multiple units.



NO. S-1403

SANITARY POULTRY ROOST

This practical, economical roost is hinged to the wall leaving the entire floor area free of obstruction. Dropping board can be tilted for cleaning and disinfecting, or unhooked and taken outdoors for sunning. Size: 4'-6" x 10'.



NO. S-1410

CHICK SUN PARLOR

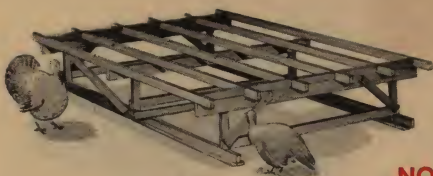
An important addition to the brooder house. This chick sun parlor can be placed lengthwise or endwise against the house. Chicks can run on the clean hardware cloth, safe from ground contamination and predatory animals. 4' wide, 10' long, 32" high.



NO. S-1411

CHICK FEEDER

This feeder is high enough from the ground to prevent littering the feed by chicks. The adjustable revolving stick across the top keeps the chicks out of the feed and also prevents their roosting in it. 4' long, 4" wide.



NO. S-1414

ROOSTING FRAME FOR TURKEYS

A skid-mounted roost, rigidly framed to withstand moving. Roosts are low to accommodate small birds, and are all at the same level to eliminate crowding toward upper positions. Capacity 100 full grown birds.



NO. S-1416

PORTABLE POULTRY RANGE SHELTER

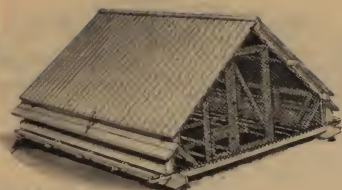
Designed to protect birds from summer heat, chilling rains and predatory animals. This shelter is light in weight for easy moving, yet strongly braced to resist strains. Capacity: 300 birds. 12' long, 16' wide.



NO. S-1417

PELLET FEEDER

This feeder is designed for feeding commercially prepared pellets to all types of poultry. It is simply designed and may be built of standard lumber items. Its good capacity reduces filling time. 4' long, 2' wide, 3' high.



NO. S-1418

RANGE SHELTER AND FEEDER

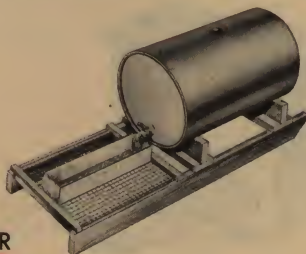
A feeder that is light in weight for easy moving and strongly braced to withstand strains. Removable feeding units can be filled without entering the shelter. Hardware cloth is used for clean sanitary flooring.



NO. S-1426

RANGE NEST HOUSE

This well-ventilated, portable unit provides two community nests. Teaches pullets to use nests and saves those early eggs. Durable built of exterior plywood.



NO. S-1424

RANGE WATERER

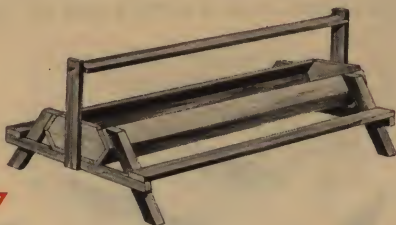
A waterer that is practical and easy to make with a standard 50-gallon drum. Maintains water level in trough automatically, to provide chicks with constant water supply. Chicks stand on dry, clean wire mesh platform.



NO. S-1423

ADJUSTABLE RANGE FEEDER

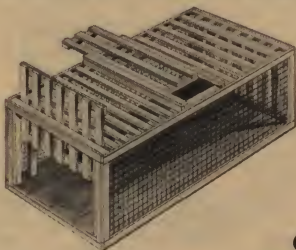
Adjustable spacer on this feeder makes it easy to raise feeding height as chicks grow. Accommodates 50 month-old chicks. Wood strips along edge of feeder reduce feed loss. Will accomodate 50 month old chicks.



NO. S-1427

MASH FEEDER

Easy to move because of its light weight. The shape of this feeding box prevents waste. Adequate for 60 chickens. Pivoted board along the top prevents roosting.



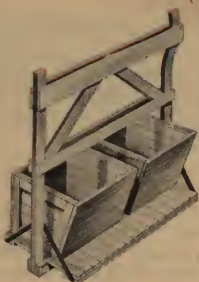
NO. S-1425

CATCHING CRATE

Ideal for catching chickens, and for holding them for market. Easy to build from standard lumber, lath, and wire mesh. Sliding doors cover openings at both ends of crate and top. No danger of birds escaping.

NO. S-1422

LITTER CARRIER AND LITTER BOX



This easily built carrier is on rollers which can be supported by a standard door track attached to poultry house ceiling. Saves work in carrying litter and eggs.



NO. S-1428

COMMUNITY NEST

Durably constructed of exterior type plywood, with sloping hardware cloth floor so that eggs roll forward for gathering. Both ends have an entrance and hinged stoop.



NO. S-1419

GREEN FEED HOPPER

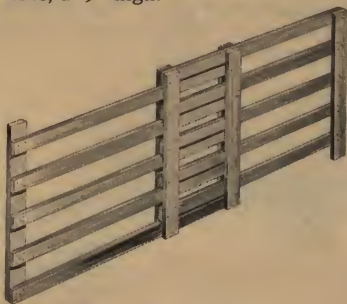
For feeding alfalfa and other greens, this item saves money because it reduces waste. Hinged top stays open for convenience in filling. Rotating bar prevents chickens from roosting. Easy to build.



NO. S-1501

FEEDING TROUGH FOR SHEEP

This 16' sheep feed trough is hard to tip. The guard rail across the top keeps the sheep out of the trough and prevents their jumping over it. Can be used inside or out. 16' long, 2'-6" wide, 2'-9" high.



NO. S-1502

ADJUSTABLE HURDLE FOR SHEEP

This type of extension hurdle is valuable around a sheep farm for shutting off a lane or closing a door without shutting out air and light. It is 3'-4" high and 13'-4" long when extended, 7'-4" long when closed.



NO. S-1506

CHOPPED-HAY RACK FOR SHEEP

This self-feeder will service up to 20 head at a time. Hinged sides permit easy cleaning. Simple to build with ordinary tools and standard in-stock lumber.



NO. S-4101

KITCHEN CABINETS

These attractive cabinets can be built from ordinary lumber yard stock. All joints are simple and clearly detailed in the plans. Three methods of drawer construction are shown for hand- or power-tools. Plans are easy to read.



NO. S-4105

FOLDING BENCH

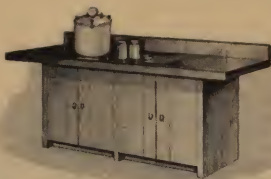
This folding bench can be used to hold wash tubs or other household items. When not in use it folds for easy storage. Designed for sturdy construction out of 1" stock, 5' long, 16" wide, 22" high.



NO. S-4102

UTILITY BENCH

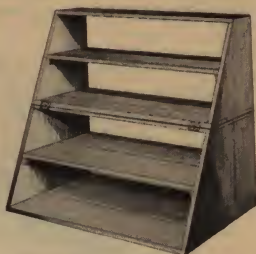
A utility bench such as this serves many uses—as an outside wash stand, an extra seat at the dinner table, in the laundry, or as an outdoor picnic bench. This model is easy to build and the cost is low. 4' long, 1'-6" high.



NO. S-4106

UTILITY CABINET

A strongly constructed cabinet that makes a convenient canning and work table. It is large and strong enough to hold a carcass for butchering. Handy storage space can be equipped with shelves. 3' high, cabinet top 8' long, 2'-8" wide.



NO. S-4104

**COMBINATION STOOL
AND STEPLADDER**

There are many uses in a home and farm building for a folding stepladder stool. Opened, it serves as a sturdy stool or ladder 3 feet high—swings closed into a box-shaped stool. Design calls for short pieces of lumber.



NO. S-4107

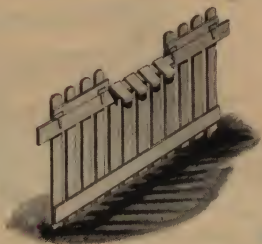
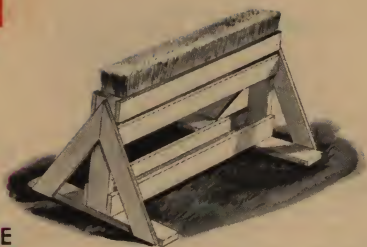
FARM BOOKKEEPING DESK

Modern farming is a business and keeping books and records is a necessary part of that business. This desk has ample space for filing records while the large desk top provides plenty of work surface. 24" x 48" top.

NO. S-1209

RANGE HURDLE

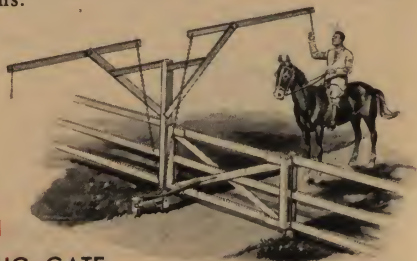
Strong bracing makes this hurdle a rugged one, yet light enough to be moved easily. Wide base prevents tipping. Easy to build with minimum of cutting.



NO. S-1208

PICKET-TYPE HURDLE

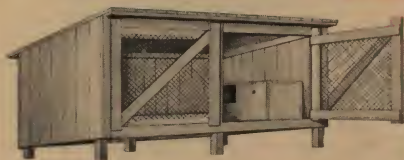
Hinged top flips over easily to prevent accidents. Can be built quickly and easily in any length of standard lumber at low cost. Constructed with 1" x 4" pickets and 1" x 6" rails.



NO. S-1201

SELF-CLOSING GATE

This gate can be opened and closed without dismounting. Farm built hardware closes gate automatically. Easy to build with standard lumber items.



NO. S-1601

STANDARD RABBIT HUTCH

A hutch of this size may be used for all housing purposes in rabbit raising. Wire mesh doors. Sloping wood floor with a section of the rear covered with wire mesh provides sanitation. Can be built in tiers. 5' long, 2' wide.



NO. S-3201

WORK BENCH

A strong, well-braced work bench that is easy to build. The top requires only one plank, remainder is made from other lumber items. Plans show a 6-foot bench, but it can be made longer if desired. 2'-4" wide, 2'-10" high.



NO. S-3207

FARM YARD FENCE

A sturdy farm yard fence that is practical and attractive. Ordinary wire mesh is attached to the posts to a height of 26". 1x4 rails and 1x6 top with a single strand of barbed wire between the rails completes the material required.



NO. S-3209

TOOL CABINET

The cabinet shown is 36" x 38" in size, but can also be built in several other sizes. Simple, easy-to-build design uses standard lumber items. Can be hung on large screw hooks at upper edge or by metal strip attached to the back.



NO. S-3208

SAW BUCK AND SAW HORSE

The saw buck is strongly constructed for hard usage and designed to fold compactly for wall hanging. The sturdy, well-braced saw horse is an easy type to build. These are made in pairs and nested together for storage.



NO. S-3210

COMBINATION TRAILER AND LOADING CHUTE

A great time saver for livestock farmers. Easy to build. Can be mounted on an ordinary automobile front axle assembly. Sides can be raised or lowered. End gates are easy to put in place. 12' long, 2'-10" inside width.



NO. S-3213

BARN VENTILATOR

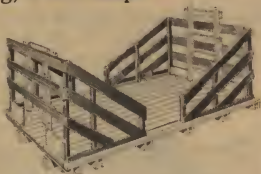
This ventilator provides ample suction for drawing stale air out of the building. Its wood construction reduces condensation and frosting. 3' wide—length variable. Hood has built-in snow baffles and may be screened.



NO. S-3217

FLARE TYPE WAGON BOX

Strong and well-braced, this box is designed to do a lot of jobs. It works fine alongside a combine—and with a long board is handy for corn picking. Empties quickly through an end plate at bottom of box. 4'-5" wide, 11' long, 2'-10" deep.



NO. S-3218

COMBINATION HAY RACK AND WAGON BOX

In a matter of minutes this wagon bed can be changed from flat bed to a grain box or to a hay and bundle rack. Box is low making it easy to load and unload. Capacity is 70 bushels. 7'-6" wide, 14' long. Grain box is 12" deep.



NO. S-3219

FOOT-OPERATED GATE LATCH

Designed to enable you to open a gate while your hands are full carrying feed, milk, etc. This foot-operated gate latch can be a real timesaver. It is simple to construct from easy-to-read plans. Requires little material.



NO. S-3220

SACKING FUNNEL

This handy item enables one man to fill sacks, thus saving time and labor. The funnel is easily attached to the wall, and can be readily moved from place to place for most convenience. Wire hooks hold sack.



NO. S-3222

DOUBLE LEAF GATE

Here is a gate that is engineered to give long service. Members are bolted and diagonally braced to keep ends from dragging on the ground. Gives clearance for the largest pieces of machinery. Size of leaf is 10'-0" x 4'-5".



NO. S-3216

WOOD VENTILATOR

Besides being very decorative, this rectangular shaped wood ventilator functions with maximum efficiency. Design allows exhaust air to be removed without turbulence and with a minimum of back drafts.



NO. S-3233

FARM PRODUCE STAND

This portable, sturdy, compact stand requires little storage space in off seasons . . . and it sells products. The varying shelf widths permit tempting displays. Easy to build from durable exterior type Douglas Fir Plywood.



NO. S-3234

PRODUCTS-FOR-SALE SIGN

This attractive road side sign is designed for those who sell farm products to motorists. Its neat, inviting appearance inspires confidence. The individual product signs are removable. Easy and inexpensive to build.

NO. S-3235

PORTABLE TOOL RACK

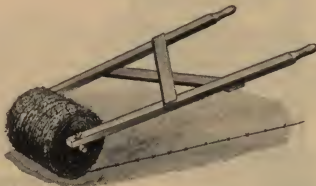
Here is an equipment item designed for orderly storage of tools on panel sides. Tools can easily be moved to work location. The base can also be used as a dolly for moving heavy objects. Another easy-to-build item.



NO. S-3239

INSULATED PUMP HOUSE

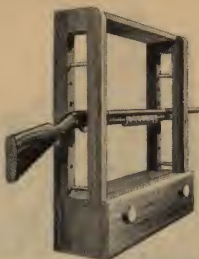
Every farm water supply system should have the protection of an insulated pump house. This simple, inexpensive design provides trouble-free protection. Floor drains assure minimum moisture. It is sanitary and sturdy.



NO. S-3240

FENCE REEL

An excellent tool for the safe and efficient field-handling of barbed wire. Light and easy to handle, it is a favorite time and labor saver. A minimum of materials are used in the construction of this sturdy, useful item.



NO. S-3238

GUN RACK

This useful and decorative piece of equipment assures safe storage of firearms. Guns are held securely with a dowel that is passed through the trigger guard. Shells are locked safely in drawer. Fits guns of varying sizes.



NO. S-3237

SUN SHADE

Anyone who can use simple hand tools can build this pleasing sun shade. The design is adaptable to any window size and is easily installed. It reduces heat and glare . . . adds a distinctive decorative touch to your home.



NO. S-3236

AXE AND HATCHET CASE

The safe storage of sharp tools is good farm practice. This case serves to isolate cutting tools from children, thus preventing accidents . . . at the same time it protects the tools from damage. Simple to build.



Farm Equipment

LUMBER-BUILT ITEMS

to save chore time and money



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